



PTO/SB006 (05-03)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/077,577
		Filing Date	February 15, 2002
		First Named Inventor	SHACKLETON, GEDRIC
		Art Unit	1825
		Examiner Name	COLE, MONIQUE
Sheet 1 of 1	Attorney Docket Number	CHOR-003	

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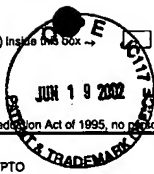
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me		Li-Wei Guo, et al. "Synthesis of Ring B Unsaturated Estriols. Confirming the Structure of a Diagnostic Analyte for Smith-Lemli-Opitz Syndrome." (2001) Organic Letters. Vol. 3.	
me		Wassif-et-al., "Mutations in the Human Sterol Δ ⁷ -Reductase Gene at 11q12-13 Cause Smith-Lemli-Opitz Syndrome," Am. J. Hum. Genet. 63:55-62, 1998	
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Examiner Signature	M. Cole	Date Considered	6/04
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		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 1 of 4	Attorney Docket Number	CHOR-003	

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MC			WO 01/92893		Schroepfer, et al.	12-06-01		

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MC	-	ABUELO, et al. "Prenatal detection of the cholesterol biosynthetic defect in the Smith-Lemli-Opitz syndrome by the analysis of amniotic fluid sterols", <i>Am J Med Genet</i> , (1995) Vol. 56: 281-285.	
	-	ANDERSSON, et al. "Adrenal insufficiency in Smith-Lemli-Opitz Syndrome", <i>Am. J. Med Genet</i> , (1999) Vol. 82 (5): 382-384.	
	-	BRADLEY, et al. "Levels of unconjugated estriol and other maternal serum markers in pregnancies with Smith-Lemli-Opitz (RSH) syndrome fetuses", <i>Am J Med Genet</i> , (1999) Vol. 82: 355-358.	
	-	CLAYTON. "Disorders of cholesterol biosynthesis", <i>Arch. Dis. Child</i> , (1998) Vol. 78: 185-189.	
	-	DALLAIRE, et al. "Prenatal diagnosis of Smith-Lemli-Opitz syndrome is possible by measurement of 7-dehydrocholesterol in amniotic fluid", <i>Prenat. Diagn.</i> , (1995) Vol. 15: 855-858.	
MC	-	DONNAI, et al. "The lethal multiple congenital anomaly syndrome of polydactyly, sex reversal, renal hypoplasia, and unilobular lungs", <i>J. Med. Genet.</i> (1986) Vol. 23: 64-71.	

Examiner Signature	<i>MC</i>	Date Considered	6/04
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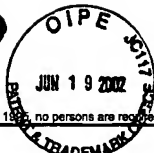
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Me		FITZKY, et al. "Mutations in the delta-7-sterol reductase gene in patients with the Smith-Lemli-Opitz syndrome", <i>Proc. Natl. Acad. Sci. USA</i> , (1998) Vol. 95: 8181-8186.	
		GLASS, et al. "Steroid sulphatase deficiency is the major cause of extremely low oestrial production at mid-pregnancy: A urinary steroid assay for the discrimination of steroid sulphatase deficiency from other causes", <i>Prenat. Diagn.</i> , (1998) Vol. 18: 789-800.	
		IRONS, et al. "Defective cholesterol biosynthesis in Smith-Lemli-Opitz syndrome", <i>Lancet</i> , (1993) Vol. 341: 1414.	
		IRONS, et al. "Prenatal diagnosis of Smith-Lemli-Opitz syndrome", <i>Prenat. Diagn.</i> , (1998) Vol. 18: 369-372.	
		KELLEY. "Inborn errors of cholesterol biosynthesis", <i>Adv. Pediat.</i> , (2000) Vol. 47: 1-53.	
		KRATZ, et al. "Prenatal diagnosis of the RSH/ Smith-Lemli-Opitz syndrome", <i>Am. J. Med. Genet.</i> Vol. 82: 376-381 (1999).	
		MCGAUGHRAN, et al. "Prenatal diagnosis of Smith-Lemli-Opitz syndrome", <i>Am. J. Med. Genet.</i> , (1995) Vol. 56: 269-271.	
		MCKEEVER, et al. "Smith-Lemli-Opitz syndrome II: A disorder of the fetal adrenals?", <i>J. Med. Genet.</i> , (1990) Vol. 27: 465-466.	
		MILLS, et al. "First trimester prenatal diagnosis of Smith-Lemli-Opitz syndrome (7-dehydrocholesterol) reductase deficiency", <i>Pediatr. Res.</i> , (1996) Vol. 39: 816-819.	
		MOEBIUS, et al. "Molecular cloning and expression of the human delta 7-sterol reductase", <i>Proc. Natl. Acad. Sci. USA</i> , (1998) Vol. 95: 1899-1902.	
Mc		PALOMAKI, et al. "Maternal serum screening for Down syndrome in the United States: A 1995 survey", <i>Am. J. Med. Genet.</i> , (1997) Vol. 176: 1046-1051.	

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		Group Art Unit	Unassigned
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		Attorney Docket Number	CHOR-003

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MC		ROSSITER, et al. "Smith-Lemli-Opitz Syndrome: Prenatal diagnosis by quantification of cholesterol precursors in amniotic fluid", <i>American Journal of Medical Genetics</i> , (1995) Vol. 56: 272-275.	
		SHACKLETON. "Mass spectrometry in the diagnosis of steroid-related disorders and in hypertension research", <i>J. Steroid Biochem. Molec. Biol.</i> , (1993) Vol. 45: 127-140.	
		SHACKLETON, et al. "Equine type estrogens produced by a pregnant woman carrying a Smith-Lemli-Opitz syndrome fetus", <i>J. Clin. Endocrinol. Metab.</i> , (1999) Vol. 84: 1157-1159.	
		SHACKLETON, et al. "Midgestational maternal urine steroid markers of fetal Smith-Lemli-Opitz syndrome (7-dehydrocholesterol 7-reductase deficiency)", <i>Steroids</i> , (1999) Vol. 64: 446-452.	
		SHACKLETON, et al. "Neonatal urinary steroids in Smith-Lemli-Opitz Syndrome associated with 7-dehydrocholesterol reductase deficiency", <i>Steroids</i> , (1999) Vol. 64: 481-490.	
		SHACKLETON, et al. "Dehydro-estradiol and dehydropregnenetriol are candidate analytes for prenatal diagnosis of Smith-Lemli-Opitz syndrome", <i>Prenat. Diagn.</i> , (2001) Vol. 21: 207-212.	
		SHARP, et al. "First-trimester diagnosis of Smith-Lemli-Opitz syndrome", <i>Prenat. Diagn.</i> , (1997) Vol. 17(4): 355-361.	
		SMITH, et al. "A newly recognized syndrome of congenital anomalies", <i>J. Pediatr.</i> , (1964) Vol. 64: 210-221.	
		STEINER, et al. "Smith-Lemli-Opitz syndrome", <i>eMedicine J.</i> , (April 4, 2001) Vol. 2(4).	
		STEINER, et al. "Smith-Lemli-Opitz syndrome", <i>eMedicine J.</i> , (February 5, 2002) Vol. 3(2).	
MC		TINT, et al. "Defective cholesterol biosynthesis associated with the Smith-Lemli-Opitz syndrome", <i>N. Engl. J. Med.</i> , (1994) Vol. 330: 107-113.	

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MC		TINT, et al. "Fetal Smith-Lemli-Opitz syndrome can be detected accurately and reliably by measuring amniotic fluid dehydrocholesterols", <i>Prenat. Diagn.</i> , (1998) Vol. 18: 651-658.	
MC		Waterham, et al. "Smith-Lemli-Opitz Syndrome is Caused by Mutations in the 7-Dehydrocholesterol Reductase Gene", <i>Am. J. Hum. Genet.</i> , (1998) Vol. 63: 329-338.	

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